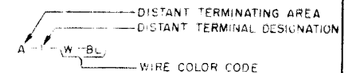
NOTES

1. WIRING LEGEND



2. COLOR CODE

BK = BLACK	W-BK = WHITE-BLACK
BR = BROWN	W-BR = WHITE-BROWN
R = RED	W-R = WHITE-RED
O = ORANGE	W-O = WHITE-ORANGE
Y = YELLOW	W-Y = WHITE-YELLOW
G = GREEN	W-G = WHITE-GREEN
BL = BLUE	W-BL = WHITE-BLUE
P = PURPLE	
W = WHITE	W-S = WHITE-SLATE
S = SLATE	

3. UNIT WIRED FOR 115 VOLTS 50 TO 60 CYCLE A.C. POWER INPUT ONLY.

4. CONNECTOR VIEWED FROM SOLDER TERMINAL END.

5. CIRCUITS SHOWN FOR 060 AMP NEUTRAL SIGNAL LINE OPERATION. FOR 020 AMP OPERATION REMOVE AND ADD CONNECTIONS AS TABULATED BELOW.

SIGNAL LINE CURRENT	CONNECTION REMOVED	CONNECTION ADDED
.020 AMP	J①1 - J②2,	J①3 - J①4

6. RECTIFIER SHOWN CONTROLLED BY POWER SWITCH. FOR CONTINUOUS OPERATION REMOVE LEAD 1-2-BK FROM TERMINAL E-2 AND CONNECT TO TERMINAL E-1.

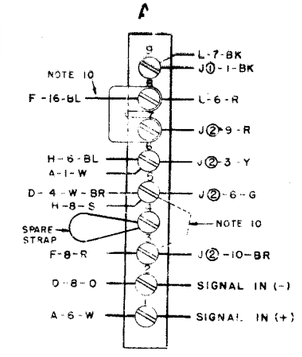
7. LINE SHUNT RELAY SHOWN CONTROLLED BY POWER SWITCH AND SHUNTING LINE RELAY COIL.

8. SELECTOR MAGNETS ARE TO BE WIRED AS SHOWN FOR 30 MILLIAMPERE OPERATION WHEN THE LINE RELAY IS USED.

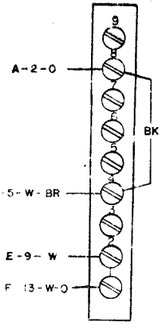
9. ASSOC. CABLE NUMBERS
   - 159939 CABLE ASSEM., LESU 12
   - 153477 CABLE ASSEM., RECTIFIER
   - 4030 CABLE ASSEM., LINE RELAY MTG. ASSEM.

10. SELECTOR MAGNETS CAN BE CONNECTED DIRECTLY IN THE SIGNAL LINE CIRCUIT FOR NEUTRAL OPERATION AS FOLLOWS:
    REMOVE LINE RELAY
    20 MILLIAMPERE, 60 & 75 WPM OPERATION (OR ANY INTERMEDIATE SPEED)
    A STRAP A5 TO A3.
    B MOVE BLUE LEAD FROM TERMINAL A8 TO TERMINAL A6.
    50 MILLIAMPERE, 60, 75 & 100 WPM OPERATION (OR ANY INTERMEDIATE SPEED)
    A & B SAME AS ABOVE
    C CHANGE WIRING ON SELECTOR MAGNETS FOR 60 MILLIAMPERE OPERATION.

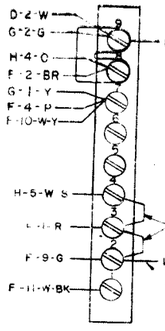
SELECTOR MAGNET TERMINAL BLOCK



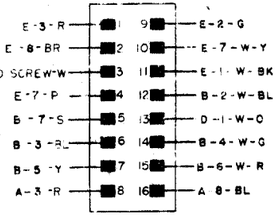
MOTOR CONTROL TERMINAL BLOCK D



POWER TERMINAL BLOCK E

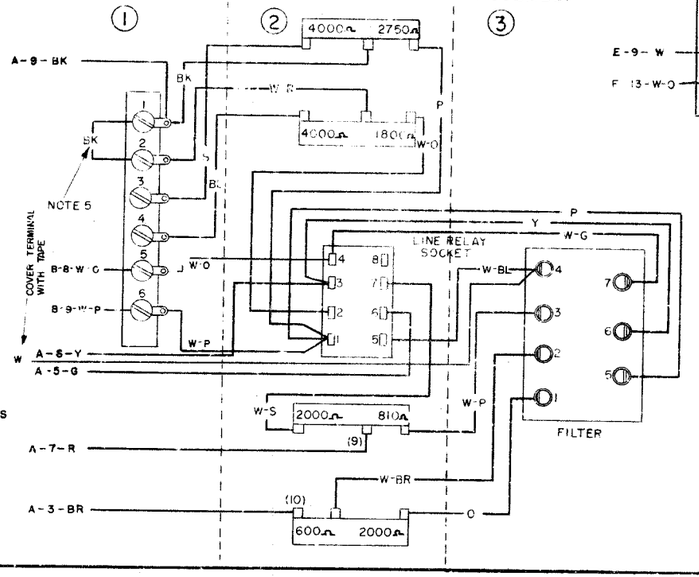


F CONNECTOR PLUG 159541

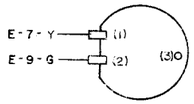


NOTE 6

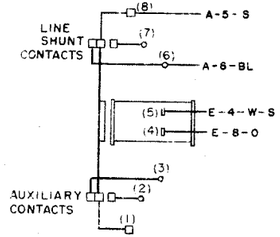
J 152950 LINE RELAY MOUNTING ASSEMBLY



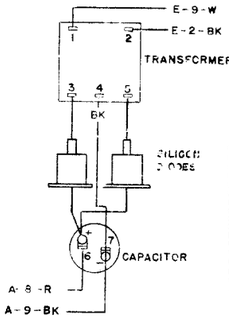
G SIGNAL BELL



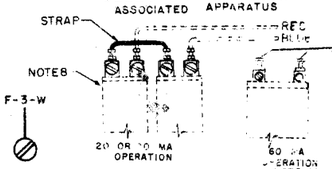
H LINE SHUNT RELAY



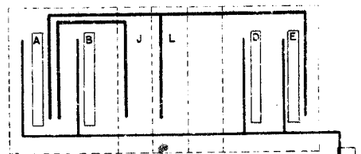
I 152950 RECTIFIER ASSEMBLY



SELECTOR MAGNETS ASSOCIATED APPARATUS



ELECTRICAL SERVICE UNIT GROUND SCREW



CABLE ROUTING (BOTTOM VIEW)

3344 WD		
REVISIONS		
ISSUE	DATE	AUTH NO.
A	2-58	28 8417
B	4-58	28 8417 A
C	5-2-58	28 8417 B
D	10-1-58	28 8417 C
E	2-3-59	28 8417 D
F	4-13-59	28 8417 E
G	4-13-59	28 10080
H	11-2-60	28-10080 J/K
J	5-8-61	28-10080 L
K	12-7-61	28-10080 M

ACTUAL WIRING DIAGRAM MODEL 28 ELECTRICAL SERVICE UNIT, LESU 12

APPROVALS	
D AND R	E OF M

E NUMBER 1-4000
PROD NO. 3344 WD
DATE 7-12-57
PD FILE NO. 1-49.65 AA
DRAWN AD CHKD
ENG D.H.S.P. APPD.

TELETYPE CORPORATION

3344 WD